

Appendix A - Automated Marking Software Requirements Matrix

Table 1 details the required statement markings that must be applied depending on the security field settings for the *Drawing Revision*.

Certain fields will supersede the requirements of other fields (as indicated by the phrase “Apply only..”). For example, a *Drawing Revision* that is marked as Nuclear (NUCLEAR field set to Y) will only contain the N statement markings, with any statement labels normally required by the Distribution Statement, EXPORT and/or Rights fields ignored.

Table 1 - Valid Metadata Marking Combinations⁽²⁾

Field	Value	Marking Requirement
Distribution Statement	A	Apply only Statement A
	B ⁿ ⁽¹⁾	Apply Statement B, with <i>Reason</i> Specified in second character of Distribution Statement, and <i>Source Site</i> name specified by Source Site Field
	C ⁿ ⁽¹⁾	Apply Statement C, with <i>Reason</i> Specified in second character of Distribution Statement, and <i>Source Site</i> name specified by Source Site Field
	D ⁿ ⁽¹⁾	Apply Statement D, with <i>Reason</i> Specified in second character of Distribution Statement, and <i>Source Site</i> name specified by Source Site Field
	E ⁿ ⁽¹⁾	Apply Statement E, with <i>Reason</i> Specified in second character of Distribution Statement, and <i>Source Site</i> name specified by Source Site Field
	F	Apply Statement F, with <i>Source Site</i> name specified by Source Site Field
	X	Apply Statement X, with <i>Source Site</i> name specified by Source Site Field
Export Control	Y	Apply Statement EC and Statement DN
	N	No additional statements
Nuclear	Y	Apply Statement NS and Statement N. No additional Statements
	N	No additional statements
NOFORN	Y	Apply Statement NS and Statement N. No additional Statements
	N	No additional statements
Rights	L	Apply Statement LR
	U	No additional statements

⁽¹⁾ The value of *n* is 1 through 9 (see table 3 for explanation of code values).

⁽²⁾ All sheets will be marked with the OVER and ID statements in addition to those listed in the table.

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Table 2 details the NSEDR requirements for the text associated with each statement marking. The text is required to be soft configured (i.e. does not require code changes to modify), with three replaceable variables available:

<Source Site> **IMAGE_INDEXES_EXTENDED.SOURCE_SITE** for the *Drawing Revision* record

<Reason> Reason code statement from Table 3 corresponding to the second character of the Distribution Statement value for the *Drawing Revision* record.

<drawing information data> for a Drawing Revision sheet consists of the following index values:

DWG_NUM, CAGE, DOC_TYPE, DWG_REV, SHEET_NUMBER, FRAME_NUMBER

<drawing information data> for an Accompanying Document sheet consists of the following index values:

DWG_NUM, CAGE, DOC_TYPE, DWG_REV, ACCOMPANYING_NUM, ACCOMPANYING_KIND, ACCOMPANYING_REV, SHEET_NUMBER, FRAME_NUMBER

Table 2 - NSEDR Requirement Statement Marking Verbiage Wording derived from SECNAVINST 5510.36 and NAVSEAINST 5511.32C				
Value	Metadata	Statement	Position	Rank ⁽¹⁾
A	Distribution A	DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited	Bottom	1
B	Distribution B	DISTRIBUTION STATEMENT B: Distribution authorized to U.S. Government agencies only; <Reason>. Other U.S. requests for this document shall be referred to <Source Site>.	Bottom	1
C	Distribution C	DISTRIBUTION STATEMENT C: Distribution authorized to U.S. Government agencies and their contractors; <Reason>. Other U.S. requests for this document shall be referred to <Source Site>.	Bottom	1
D	Distribution D	DISTRIBUTION STATEMENT D: Distribution authorized to Department of Defense and DoD contractors only; <Reason>. Other U.S. requests for this document shall be referred to <Source Site>.	Bottom	1
E	Distribution E	DISTRIBUTION STATEMENT E: Distribution authorized to DoD Components only; <Reason>. Other U.S. requests for this document shall be referred to <Source Site>.	Bottom	1
F	Distribution F	DISTRIBUTION STATEMENT F: Further dissemination only as directed by <Source Site> or higher DoD authority.	Bottom	1
X	Distribution X	DISTRIBUTION STATEMENT X: Distribution authorized to U.S. Government agencies and private contractors or enterprises eligible to obtain export controlled technical data in accordance with OPNAVINST 5510.161. Other requests shall be referred to <Source Site>.	Bottom	1
EC	Export Control Warning	WARNING – This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C. Sec. 2841 et seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C., App 2401, et seq. Violations of these export laws are subject to severe criminal penalties. Disseminate per the provisions of OPNAVINST 5510.161	Bottom	2
DN	Destruction Notice	DESTRUCTION NOTICE: This document may be destroyed by any means that will prevent disclosure of contents or reconstruction of the document.	Bottom	3

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Table 2 - NSEDR Requirement Statement Marking Verbiage Wording derived from SECNAVINST 5510.36 and NAVSEAINST 5511.32C				
Value	Metadata	Statement	Position	Rank ⁽¹⁾
NS	NOFORN	NOFORN	Top and bottom	1
N	NOFORN	NOFORN: This document is subject to special export controls and each transmittal to foreign governments or foreign nationals may be made only with prior approval of Naval Sea Systems Command.	Bottom	2
LR	Limited Rights	PROPRIETARY INFORMATION	Bottom	4
OVER	<all sheets>	These markings were applied by JEDMICS on <date> and supersede any other sensitivity markings on this document. Do not scale off this document; document not to any scale.	Bottom	0
ID	<all sheets>	<drawing information data>	Bottom	5

- (1) Rank refers to the relative ordering in which the various requirement statements will be place on the image (lower numbered statements would appear at the top, higher number statements would appear at the bottom). See Table 6 for a summary of the ranking.

Table 3 lists the descriptive text for each reason code associated with a ***Drawing Revision*** record's Distribution Statement value.

Table 3 - Reason Codes

Code	Statement
1	Foreign Government Information
2	Proprietary Information
3	Critical Technology
4	Test and Evaluation
5	Contractor Performance Evaluation
6	Premature Dissemination
7	Administrative/Operational
8	Software Documentation
9	Other Specific Authority

Table 4 lists the IMAGE_INDEXES_EXTENDED.SOURCE_SITE values expected to be used for data originating from U.S. Navy sites. The information in this table will be used in the <Source> field in the Distribution Statement stamps on the images.

Table 4 - Source Site Field Values

Source Site Field	Command
N00102	Portsmouth Naval Shipyard
N00104	Naval Inventory Control Point, Mechanicsburg
N00164	Naval Surface Warfare Center, Crane Division
N00167	Naval Surface Warfare Center, Carderock Division
N00174	Naval Surface Warfare Center, Indian Head Division
N00178	Naval Surface Warfare Center, Dahlgren Division
N00181	Norfolk Naval Shipyard

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Table 4 - Source Site Field Values

Source Site Field	Command
N00197	Naval Surface Warfare Center, Port Hueneme Division, Louisville Detachment
N00251	Puget Sound Naval Shipyard and Intermediate Maintenance Facility
N00253	Naval Undersea Warfare Center, Keyport Division
N0463A	Navy Experimental Diving Unit, Panama City
N0464A	Explosive Ordnance Disposal Technology Division, Indian Head
N32253	Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility
N32379	Naval Air Technical Data and Engineering Services Command
N32890	Naval Surface Warfare Center, Indian Head Division, Earl Detachment
N45404	Submarine Maintenance Engineering, Planning and Procurement Activity, Portsmouth
N45534	Surface Combat Systems Center, Wallops Island
N48695	Puget Sound Naval Shipyard and Intermediate Maintenance Facility, Boston Detachment
N61331	Naval Surface Warfare Center, Panama City Division
N62786	Supervisor of Shipbuilding, Conversion and Repair, Bath
N62789	Supervisor of Shipbuilding, Conversion and Repair, Groton
N62793	Supervisor of Shipbuilding, Conversion and Repair, Newport News
N62795	Supervisor of Shipbuilding, Conversion and Repair, Gulf Coast
N63273	Combat Direction Systems Activity, Dam Neck
N63394	Naval Surface Warfare Center, Port Hueneme Division
N64267	Naval Surface Warfare Center, Corona Division
N65538	Naval Sea Logistics Center, Mechanicsburg
N65540	Naval Surface Warfare Center, Carderock Division - Ships Systems Engineering Station
N66604	Naval Undersea Warfare Center Headquarters
N67004	Marine Corps Logistics Base
N68933	Naval Surface Warfare Center Headquarters
N68934	Naval Undersea Warfare Center, Newport Division
N68963	Naval Ordnance Safety and Security Activity
N69071	Naval Surface Warfare Center, Port Hueneme Division, Virginia Beach Detachment

Table 5 lists the valid combinations of security profile values that records ready to publish can have.

Table 5 - Allowable Value Combinations by Distribution Code						
Distribution Code	Nuclear⁽¹⁾	NOFORN	Export	Rights⁽²⁾⁽³⁾	Security	QA Flag
<null>	Y	Y	Y	L/U	N	P
A	N	N	N	U	N	P

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Table 5 - Allowable Value Combinations by Distribution Code						
Distribution Code	Nuclear ⁽¹⁾	NOFORN	Export	Rights ⁽²⁾⁽³⁾	Security	QA Flag
B1	N	N	Y/N	L/U	N	P
B2	N	N	Y/N	L	N	P
B3	N	N	Y	L/U	N	P
B4	N	N	Y/N	L/U	N	P
B5	N	N	Y/N	L/U	N	P
B6	N	N	Y/N	L/U	N	P
B7	N	N	Y/N	L/U	N	P
B8	N	N	Y/N	L/U	N	P
B9	N	N	Y/N	L/U	N	P
C1	N	N	Y/N	U	N	P
C2	Not allowed for marked documents					
C3	N	N	Y	U	N	P
C4	Not allowed for marked documents					
C5						
C6						
C7	N	N	Y/N	U	N	P
C8	N	N	Y/N	U	N	P
C9	N	N	Y/N	U	N	P
D1	N	N	Y/N	U	N	P
D2	Not allowed for marked documents					
D3	N	N	Y	U	N	P
D4	Not allowed for marked documents					
D5						
D6						
D7	N	N	Y/N	U	N	P
D8	N	N	Y/N	U	N	P
D9	N	N	Y/N	U	N	P
E1	N	N	Y/N	L/U	N	P
E2	N	N	Y/N	L	N	P
E3	N	N	Y	L/U	N	P
E4	N	N	Y/N	L/U	N	P
E5	N	N	Y/N	L/U	N	P

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Table 5 - Allowable Value Combinations by Distribution Code						
Distribution Code	Nuclear ⁽¹⁾	NOFORN	Export	Rights ⁽²⁾⁽³⁾	Security	QA Flag
E6	N	N	Y/N	L/U	N	P
E7	N	N	Y/N	L/U	N	P
E8	N	N	Y/N	L/U	N	P
E9	N	N	Y/N	L/U	N	P
F	N	N	Y/N	L/U	N	P
X	N	N	Y	U	N	P

Notes

- (1) If a record is marked with a value of 'Y' for Nuclear, then it also must be marked with a value of 'Y' for NOFORN.
- (2) Note that JEDMICS treats G and R as equivalent to U (unlimited).
- (3) Note that JEDMICS treats P, K, N, S, T, W, X, and Z as equivalent to L (limited)

Table 6 – Ordering of Marking Text		
Metadata	Tag Name	Ordering Precedent (Lower values are printed before higher values)
Override Statement	OVER	0
Distribution Statement	{ A, B,C, D, C, F, X }	1
Export Control Warning	EC	2
Destruction Notice	DN	3
Proprietary Statement	LR	4
Drawing Info Tag	ID	5
NOFORN	NS	1
NOFORN Statement	N	2

Notes

Examples of the order in which marking text would be ordered (top to bottom)

Situation A:

Distribution Statement Only

Situation B:

Distribution Statement

Export Control Warning

Destruction Notice

Situation C:

NOFORN

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NOFORN Statement